

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,170,347 B1  
APPLICATION NO. : 10/716019  
DATED : January 30, 2007  
INVENTOR(S) : Willem Johannes Kindt

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page Col. 1 (U.S. Patent Documents); Line 1; After "4,618,833" delete "A" and insert -- B1 --, therefor.

Title Page Col. 2 (Primary Examiner); Line 1; Delete "Khank" and insert -- Khanh --, therefor.

Column 2; Line 18; After "FIG. 1" delete "is".

Column 2; Line 56; Delete "M1 3 and M1 4" and insert -- M13 and M14 --, therefor.

Column 3; Line 13; After "transistor" delete "M1 ," and insert -- M10, --, therefor.

Column 3; Line 14; After "current" delete "11 and 12" and insert --I1 and I2 --, therefor.

Column 5; Line 7; In Claim 2, after "to the" insert -- input --.

Column 5; Line 36; In Claim 5, after "constant" delete "for a" and insert -- over a range of input --, therefor.

Column 5; Line 37; In Claim 5, delete "voltage of" and insert -- voltages for --, therefor.

Column 5; Line 40; In Claim 5, after "to the" insert -- input --.

Column 5; Line 48; In Claim 5, after "to the" insert -- input --.

Column 6; Line 2; In Claim 6, after "to the" insert -- input --.

Column 6; Line 26; In Claim 12, after "configured" insert -- to --.

Column 6; Line 54; In Claim 16, after "provide" insert -- a --.

Column 7; Line 7; In Claim 17, after "signal" insert -- ; -- .

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7; Line 21; In Claim 19, after "related to" delete "a" and insert -- an input --, therefor.

Signed and Sealed this

Twenty-second Day of May, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*